CHAPTER 14: MASTER MAKING SECTION

CONTENTS

1. Theory of Operation
1. Master Making 1
2. Thermal Power Safety Switches 3

2. Removal and Assembly
1. Write Roller 5
2. Thermal Print Head (TPH) 6

3. Adjustment
1. Thermal Power of Thermal Print Head 7

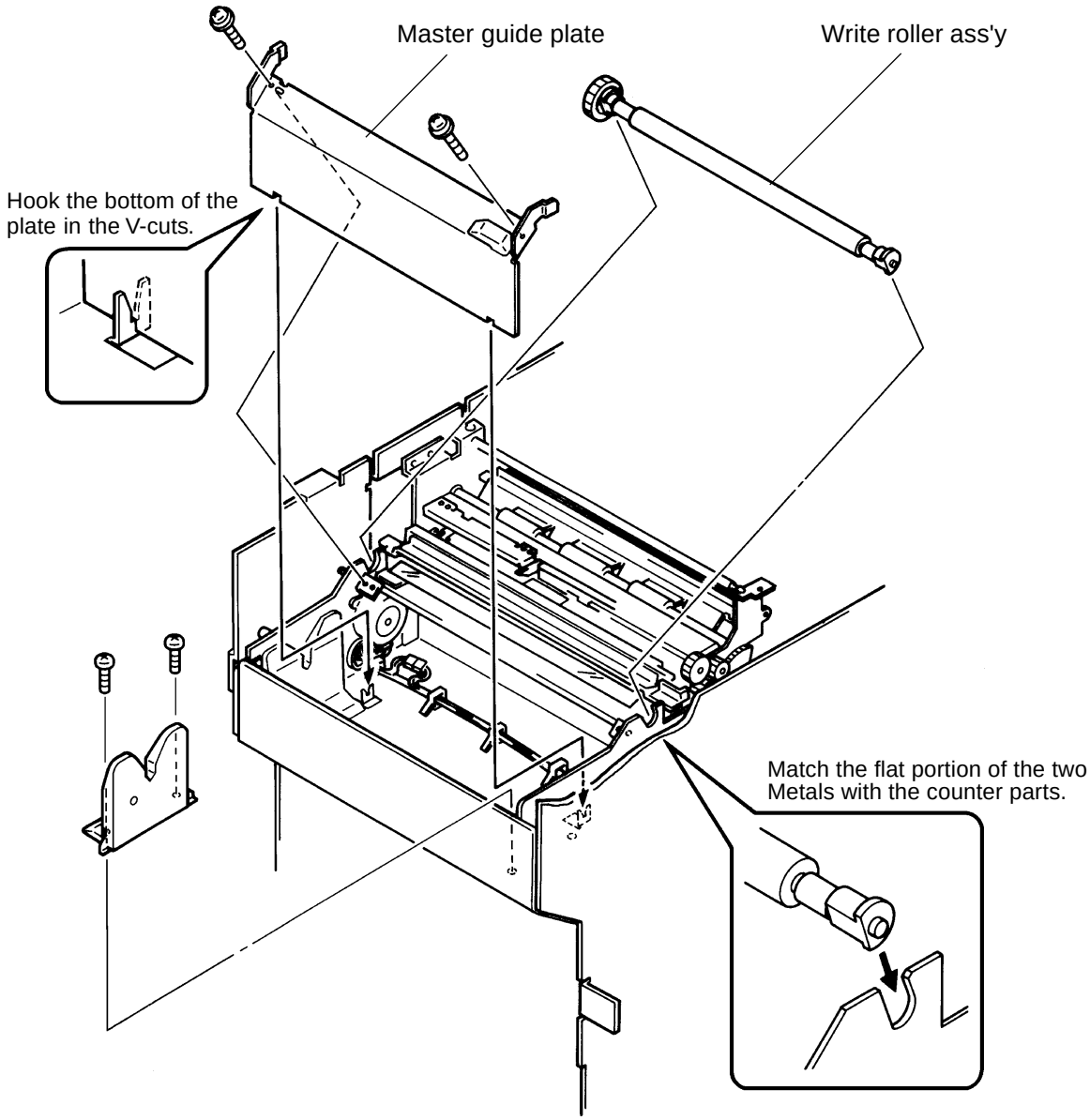
2. Removal and Assembly

1. Write Roller

1. Disconnect the power supply from the machine.
2. Open the Master making unit and remove the Master roll.
3. Remove two mounting screws of either one of the Master roll holder and remove the holder.
4. Remove two mounting screws of the Master guide plate and remove the plate.
5. Remove the Write roller ass'y by lifting the ass'y from the machine.

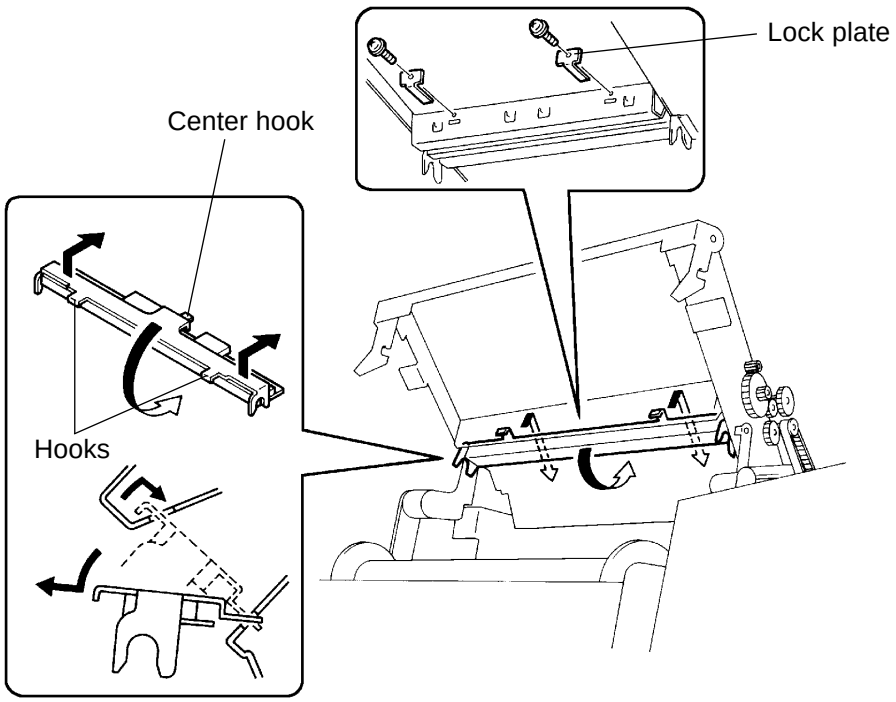
Precaution in Assembly

- Match the flat portion of the two Metals on the Write roller ass'y shaft with that of the counter part.
- Hook the bottom of the Master guide plate in the V-cut plates and match the half-pierced sections of the plate with the counter parts.

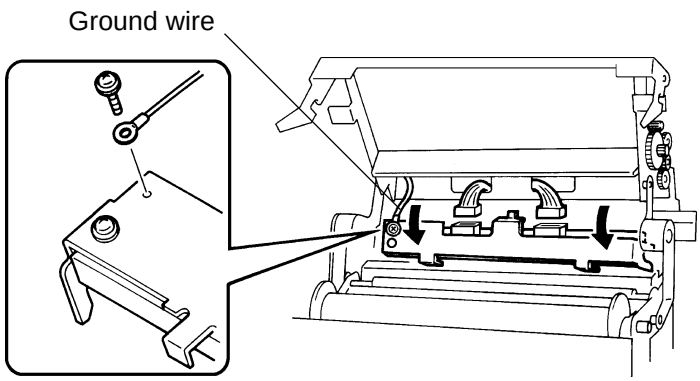

Master guide plate
Write roller ass'y
Hook the bottom of the plate in the V-cuts.
Match the flat portion of the two Metals with the counter parts.

2. Thermal Print Head (TPH)

1. Disconnect the power supply from the machine.
2. Open the Master making unit.
3. Remove mounting screws of the two Lock plates and remove the plates.
4. Push the TPH away from you and slide it down to release the two hooks from the Master making unit.
5. Let the TPH fall toward you and pull the TPH out from the machine by releasing the center hook from the machine.



6. Disconnect two Connectors and one ground wire from the TPH, and remove the TPH.



Precautions in Removal

- Do not touch the Connector pins on the TPH, as static electricity may damage the TPH.
- Do not contact the heat emitting portion of the TPH against hard surfaces.

Adjustment after Assembly

- Thermal power adjustment of the TPH.